



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia Pennsylvania 19103 2029



Site Reassessment report (Abbreviated)

Site Name MONSANTO PRESENT LANDFILL

CERCLIS ID# WWD 980 538 359

Dump Site # WV-148

This abbreviated Site Reassessment report evaluates the site, using the existing Superfund/CERCLA file information, according to the criteria of the Hazard Ranking System ("HRS") model

Waste Characteristics

ORIGINAL

Sources remaining? ☒ Yes ☐ No ☐ Unknown

If yes probable waste characteristics factor value ☐ Low ☒ Medium ☐ High

Likelihood of Release/Exposure and Targets

Pathway	Likelihood of Release/Exposure				Targets/Receptors (probable targets factor value)		
	Potential to Release			Observed Release			
	Low	Medium	High		Low	High	Unknown
Groundwater Migration				<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Surface Water Migration				<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Soil Exposure	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
Air Migration		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>

Overall

HRS Score is expected to be ☐ Below 28.5 ☐ Above 28.5 ☒ Unsure

Recommendation for further action

☐ None ☐ Full PA ☐ SI ☒ State Program RCRA
☐ Integrated Assessment w/ Removal ☐ Removal ☒ Other See Decision

Prepared by

(James J. Hargett Jr. Site Assessment Manager)

04/29/2002
(Date)

REMEDIAL SITE ASSESSMENT DECISION - EPA REGION 3

ORIGINAL

Site Name Monsanto Present Landfill s EPA ID# WVD 980537 765 DSN WV 069
 Alias Site Names _____
 City _____ County _____ State WV
 Refer to Report Dated _____ Report type _____
 Report developed by _____

DECISION

1 Further Remedial Site Assessment under CERCLA (Superfund) is not required because

1a Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned – NFRAP)	1b Site may qualify for further action but is deferred to	RCRA NRC
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2 Further Assessment Needed Under CERCLA 2a (optional) Priority Higher Lower

2b Activity Type	PA	ESI	Other
	SI	HRS evaluation	

DISCUSSION/RATIONALE

Monsanto Present Landfill s (aka Armour Creek Landfill)
 State Route 25 Nitro Putnam County WV 25143
 WVD 980537 765

Monsanto Present Landfill Since the State s Solid Waste permit # WV0077020 requires the owner to collect samples and and report the result to the State Randy Stergeon should coordinate with the State s Solid Waste/NPDES permitter (D Cheney) and review the future dioxin analytical Prior to April 10 2002 the State s Solid Waste permit # WV0077020 requires the owner (Solutia) to sample their outfall for 2 3 7 8 Trichlorodibenzo para dioxin (2 3 7 8 TCDD) and 2 3 7 8 Trichlorophenoxy acetic acid The sample result will be as a result of this permits s samples In May 1999 EPA collected two sediment samples from Monsanto Present Landfill s (aka Armour Creek Landfill) These sample reflected less than 9 0 nanogram per kilogram of 2 3 7 8 Trichlorodibenzo para dioxin (2 3 7 8 TCDD) The State requires the owner to sample the existing monitoring wells conduct maintenance on these wells and report the result to the State Since 1983 EPA occasionally collected samples from Monsanto Present Landfill s (aka Armour Creek Landfill)

Monsanto Present Landfill s Inactive 24 86 acre landfill may have received 2 3 7 8 Trichlorodibenzo para dioxin (2 3 7 8 TCDD) as by product of 2 3 7 8 Trichlorophenoxy acetic acid This 2 3 7 8 Trichlorophenoxy acetic acid is the defoliant called Agent Orange Monsanto Present Landfill s onsite sources include the Chemical residue area the Laboratory Waste Fill Area the Santoquin Fill Area the Trash Area and the Tall Oil Filter Fill Area In addition to Monsanto Present Landfill s 2 3 7 8 Trichlorodibenzo para dioxin (2 3 7 8 TCDD) & 2 3 7 8 Trichlorophenoxy acetic acid Monsanto Present Landfill s contaminants benzene and vinyl chloride

The City of Nitro receives its water supply from the WV American Water Company WV American Water Company obtains its water from an Elk River's surface water intake on Kanawha River

Since the State s Solid Waste permit # WV0077020 requires the owner to collect samples and and report the result to the State Randy Stergeon should coordinate with the State s Solid Waste/NPDES permitter (D Cheney) and review the future dioxin analytical Pending the review of this data EPA assigns a Low qualifier to the site

Future actions regarding the site include the State s representative (D Cheney) reviewing the future dioxin analytical

Report Reviewed/Approved and Site Decision Made By James J Hargett Jr Site Assessment Manager Signature _____ Date _____